



Session 30

Year 2000 Integration Testing and Contingency Planning

David Moore Mary Haldane Frank Kidd



Agenda

- System Status
- Software Product Status
- End-to-End Testing Status
- School & Institution Testing
- Testing Methodology Direct Loan Example
- Contingency Planning



.12/96

6/97

9/98

1/99

3/99

6/99

10/99

Awareness

Renovation

Implementation

School &Institution Testing

Assessment Validation End to End Testing

Completed Systems:

Direct Loan Origination

Direct Loan Central Database

Direct Loan Servicing

Postsecondary ED Participation

Federal Family Education Loan

EDCAPS

EDNET

Title IV Area Network

Multiple Data Entry

Central Processing

Pell Grant

Campus Base System

Impact Aid Payments

Session 30



Education's ProvidedSoftware Products

Application

Packaging

Direct Loans

Pell

FISAP

QAP

SSCR

ED-Connect

NSLDS Data Provider

Award Yr 98/99

Award Yr 99/00

Retired Done

Retired Done

Done Done

Done Apr 99

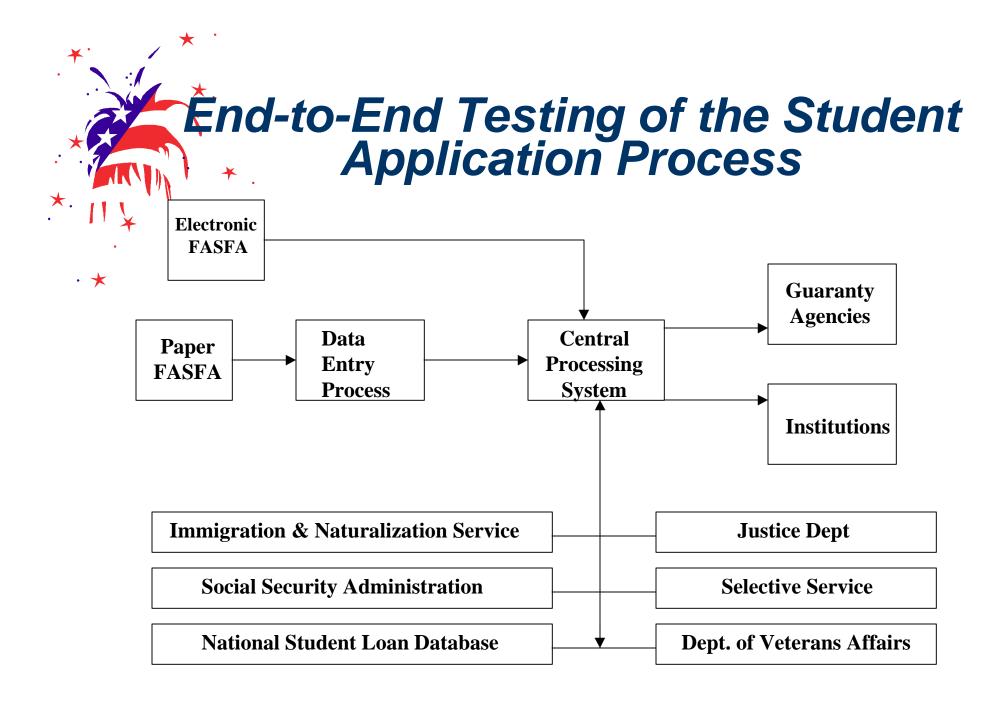
Retired Done

Done Nov 99

Done Done

Retired Done

N/A Done





End-to-End Testing

- FFELS Lender Invoice & Disbursement Process
- **FFELS Guaranty Agency Invoice & Disbursement Process**
- Student Application Process
- Enrollment Status Reporting Process
- Fiscal Operation Report & Application to Participation Process
- Pell Grant Recipient and Financial Management Process
- Direct Loan Student Origination Process
- Direct Loan Repayment and Collection Process



NSLDS April 12 - May 21 July 12 - Aug 20

CPS May 31 - July 12 Aug 9 - Sep 20

Direct Loan April 12 - May 21 July 12 - Aug 20

Pell Origination May 17 - June 25

Pell Disbursement Jul 12 - Aug 20

*School & Institution Testing Methodology

- Test Plans and Test Cases on www.ed.gov
- Testing involves setting system clocks ahead
- Direct Loan Origination System
 - Two submission cycles (orig & disbursement)
 - Two days to complete
 - Two system dates 2/28/2000 & 2/29/2000
 - Test involves Year 6 and Year 5 loans

School & Institution Testing Methodology Cont.

- Unique Social Security Numbers, e.g. 0-77777-001
 - Test Message Class, DESD##N.......
 TESD##N
 - Level 2 and 3 schools will have Anticipated Disbursement listing and Actual Disbursement Rosters
 - First cycle, create and originate 6 loans
 - Second cycle, disbursement and downward adjustment

School & Institution Testing Methodology Cont.

- Central Processing System
 - Test Cases will be on www.ed.gov by 5/14/1999
 - Test Cases will be 12 FAFSA's in PDF Format
 - System Date will always be set to 02/29/2000
 - Test Message Classes
 - YR2K00IN Submitting Test Data to CPS
 - Y2KE00OP Receiving the Error File
 - Y2KD00OP Receiving the Discrepancy File
 - Y2KA00OP Receiving the ISIR File

School & Institution Testing Methodology Cont.

Central Processing System

- Customer Service
 - Call 800-350-9547 or Email CPS@NCS.COM
 - Schools will not be charged for CPS Y2K Test phone calls or Emails



Disclaimer

*Schools and Institutions who perform trading exchange testing with the department should not draw conclusion from such testing that their own systems are compliant.

Only comprehensive validation testing of each individual system will mitigate the risk of a Year 2000 incident.

Y2K Contingency Planning

- What is contingency planning?
 - Two parallel processes
- Why should ED have Y2K contingency plans?
 - Complexity and interdependence of systems
 - Importance of delivering funds & services to students
 - External community partners expect ED to have Contingency Plans
 - Congress, OMB, and GAO requirement



ED's Phases to the process

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I. Initiation (August - September, 1998)
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II. Business impact analysis

(October - December 1998)

III. Contingency planning

(December, 1998 - March 1999)

IV. Testing (March, 1999 and beyond)



- I. Student Aid Applications and Eligibility
- II. Student Aid Origination and Disbursement
- III. Student Enrollment Tracking and Reporting
- IV. FFEL Lender and Guaranty Agency Payments
- V. Repayment and Collections
- VI. Institutional Eligibility and Monitoring
- VII. Customer Service and Communications



- What is ED's role in contingency planning for student financial aid delivery?
 - Developing contingency plan for ED's critical business process
 - Outreach and awareness to the student financial aid community



- What are some possible resources to help with contingency planning?
 - GAO document: "Year 2000 Computing Crises: Business Continuity and Contingency Planning" available on ED's web site.
 - ED's Y2k Readiness Kit in the teleconference announcement packet sent to college presidents, financial aid administrators, and business officers.



- How can you communicate with OSFAP on contingency planning?
 - Email: SFAY2K@ed.gov
 - Call: Mary B. Haldane, Project Director 202-260-6675
 - Write: Mary B. Haldane, OSFAP, Dept of ED ROB-3, Room 5034; 7th and D Streets, SW;
 Washington, DC 20202-5132